

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
 Data File : BE098239.D
 Acq On : 16 Nov 2018 20:57
 Operator : SJ/JU
 Sample : J5931-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-181112

Quant Time: Nov 16 22:53:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1307	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6422	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4413	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10531	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11614	0.40	ng	0.00
34) Perylene-d12	24.01	264	11040	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	710	0.20	ng	0.00
5) Phenol-d6	7.03	99	654	0.12	ng	0.00
8) Nitrobenzene-d5	9.02	82	2905	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4817	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	1003	0.71	ng	-0.01
15) 2-Fluorobiphenyl	13.14	172	15424	0.80	ng	0.00
25) Fluoranthene-d10	19.31	212	59006	0.46	ng	0.00
29) Terphenyl-d14	19.91	244	14688	0.55	ng	0.00

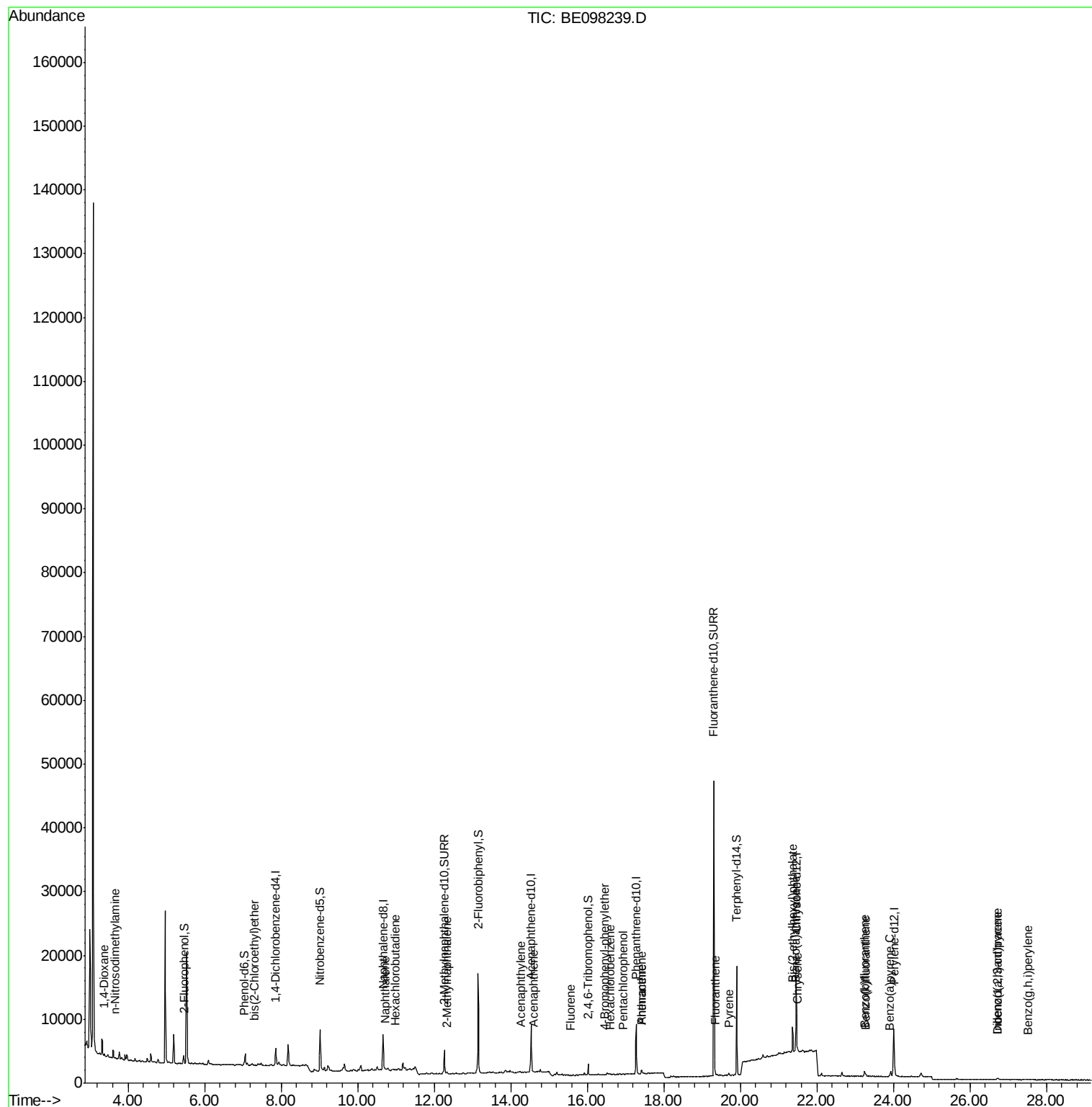
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	220	0.107	ng	# 1
3) n-Nitrosodimethylamine	3.67	42	73	0.032	ng	# 34
6) bis(2-Chloroethyl)ether	7.29	93	12	0.003	ng	# 31
9) Naphthalene	10.72	128	243	0.004	ng	# 58
10) Hexachlorobutadiene	10.99	225	2	0.001	ng	# 19
12) 2-Methylnaphthalene	12.34	142	17	0.001	ng	# 47
16) Acenaphthylene	14.25	152	68	0.003	ng	# 1
17) Acenaphthene	14.60	154	10	0.001	ng	# 3
18) Fluorene	15.57	166	55	0.003	ng	# 66
20) 4-Bromophenyl-phenylether	16.46	248	10	0.002	ng	# 15
21) Hexachlorobenzene	16.59	284	13	0.002	ng	# 1
22) Pentachlorophenol	16.94	266	39	0.130	ng	# 76
23) Phenanthrene	17.41	178	1076	0.040	ng	99
24) Anthracene	17.41	178	1012	0.041	ng	96
26) Fluoranthene	19.34	202	209	0.006	ng	# 90
28) Pyrene	19.71	202	390	0.011	ng	# 85
30) Benzo(a)anthracene	21.45	228	383	0.011	ng	# 13
31) Chrysene	21.50	228	220	0.006	ng	# 19
32) Bis(2-ethylhexyl)phthalate	21.37	149	4945	0.094	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.71	276	196	0.007	ng	# 72
35) Benzo(b)fluoranthene	23.23	252	311	0.010	ng	# 1
36) Benzo(k)fluoranthene	23.28	252	254	0.007	ng	# 1
37) Benzo(a)pyrene	23.90	252	184	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	26.72	278	42	0.002	ng	# 1
39) Benzo(g,h,i)perylene	27.52	276	64	0.002	ng	# 1

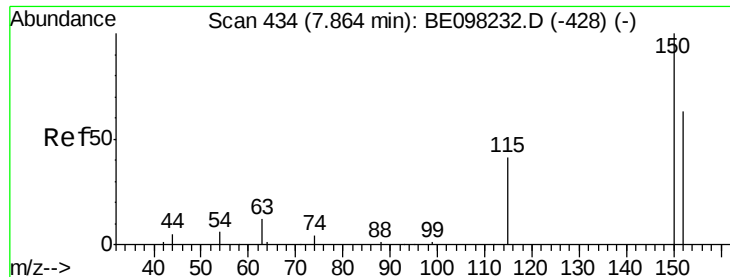
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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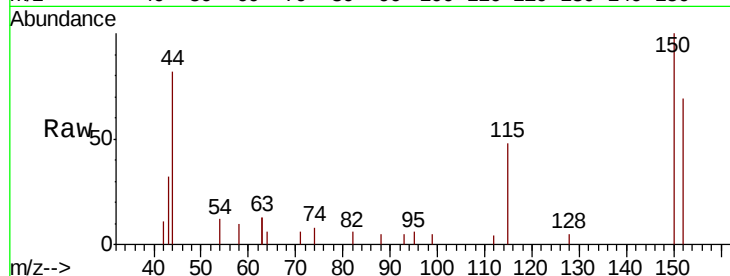


#1

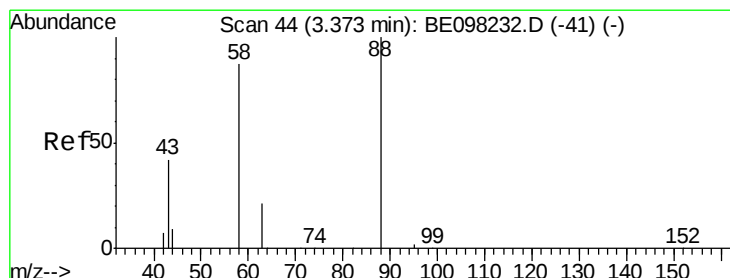
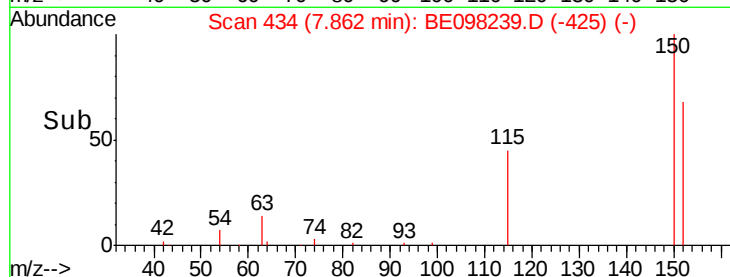
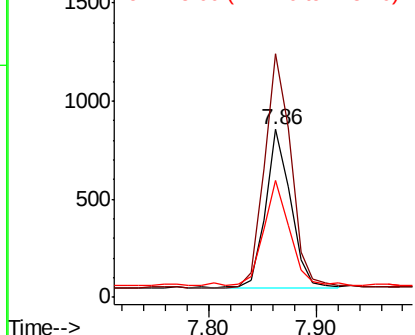
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion: 152 Resp: 1307
Ion Ratio Lower Upper
152 100
150 145.4 127.5 191.3
115 69.8 60.3 90.5



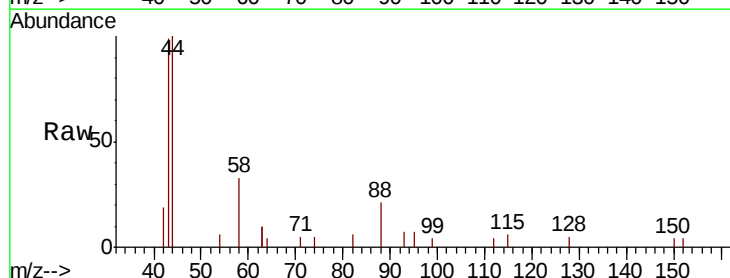
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



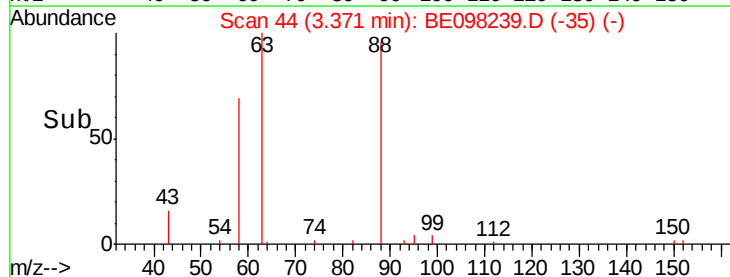
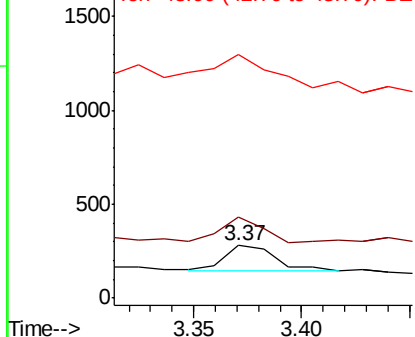
#2

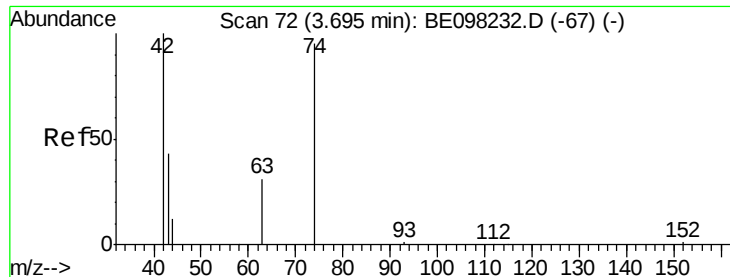
1,4-Dioxane
Concen: 0.107 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion: 88 Resp: 220
Ion Ratio Lower Upper
88 100
58 77.7 79.0 118.4#
43 230.5 38.1 57.1#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.03 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

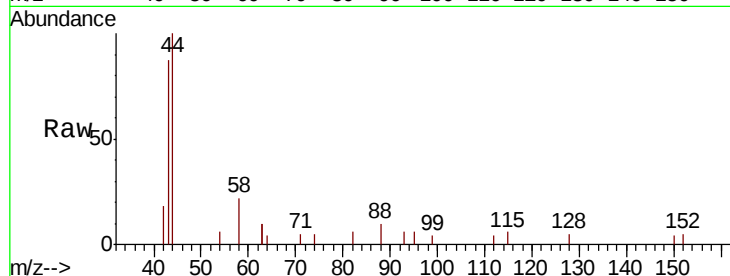
Tgt Ion: 42 Resp: 73

Ion Ratio Lower Upper

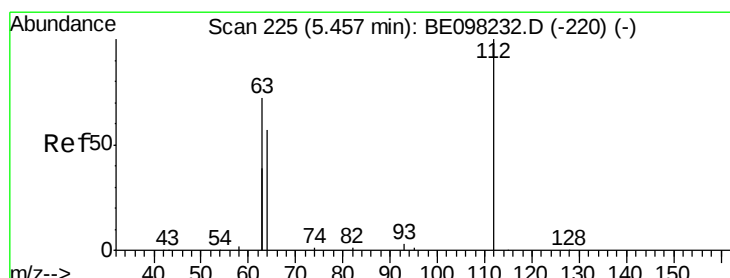
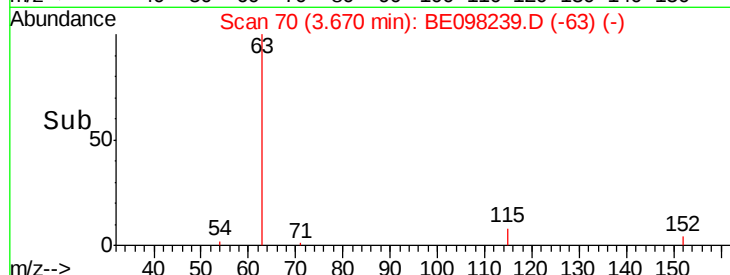
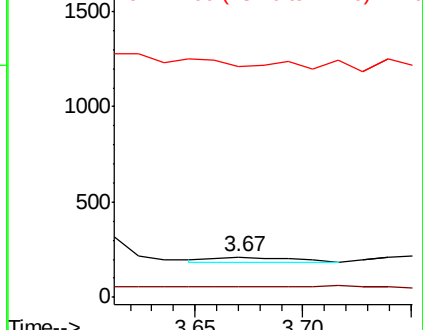
42 100

74 15.1 61.7 92.5#

44 0.0 14.0 21.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

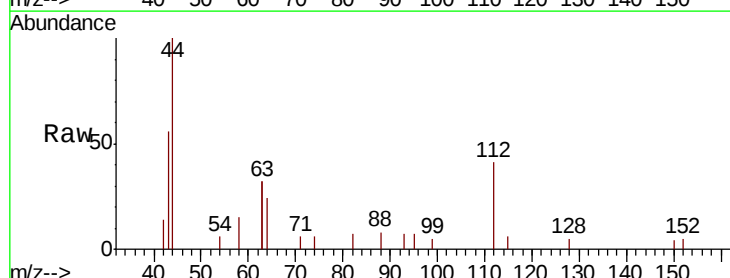
Tgt Ion: 112 Resp: 710

Ion Ratio Lower Upper

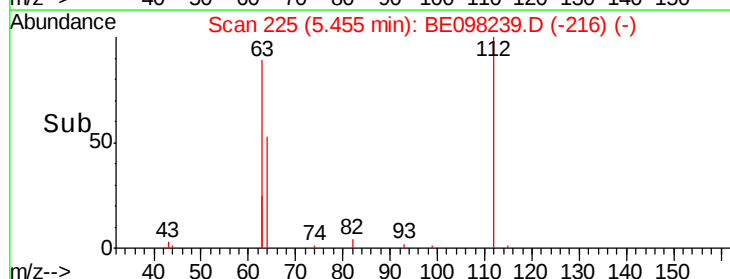
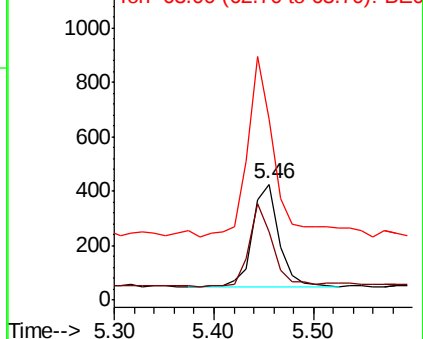
112 100

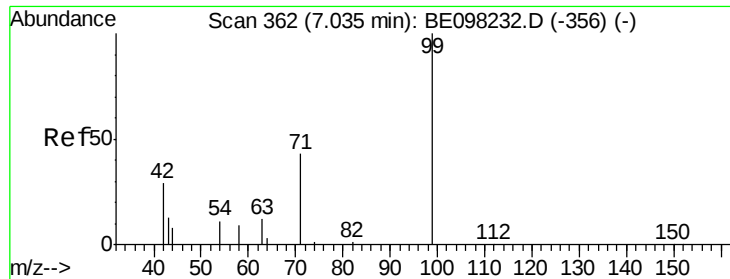
64 73.0 61.7 92.5

63 182.0 136.2 204.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.119 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

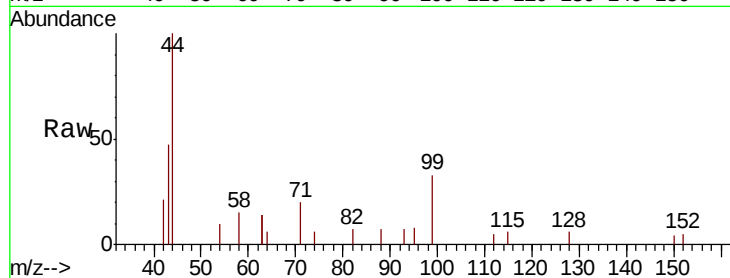
Tgt Ion: 99 Resp: 654

Ion Ratio Lower Upper

99 100

42 47.1 27.1 40.7#

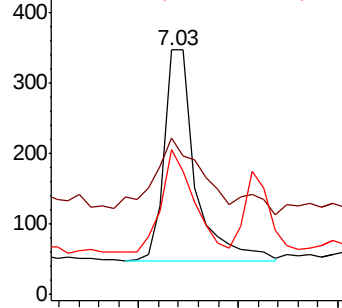
71 50.0 37.0 55.6



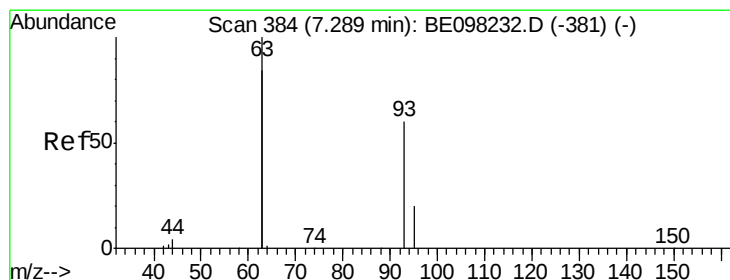
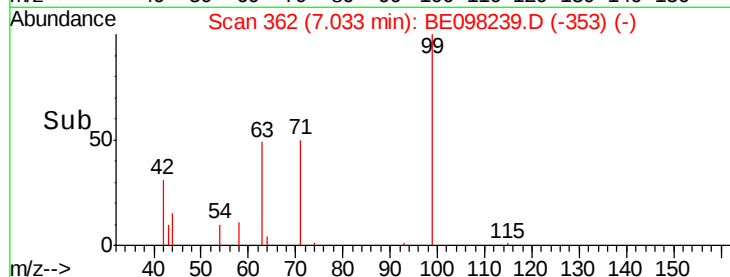
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

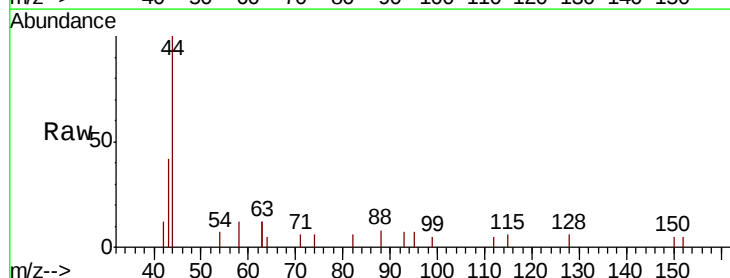
Tgt Ion: 93 Resp: 12

Ion Ratio Lower Upper

93 100

63 191.7 272.6 409.0#

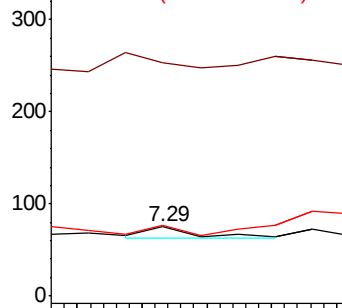
95 66.7 27.1 40.7#



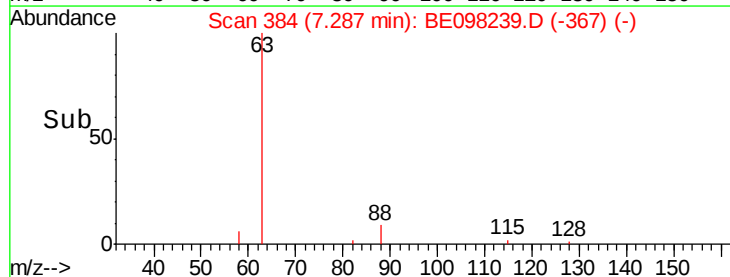
Abundance Ion 93.00 (92.70 to 93.70): BE0

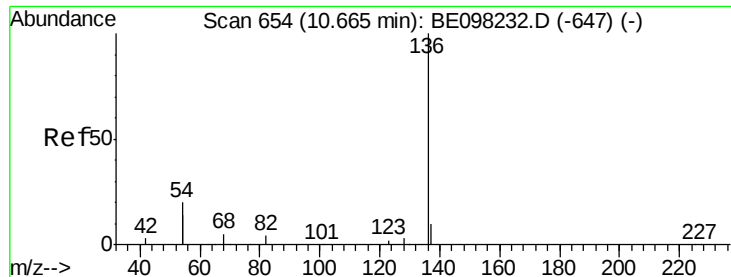
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

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KY038PS027-181112

Tgt Ion: 136 Resp: 6422

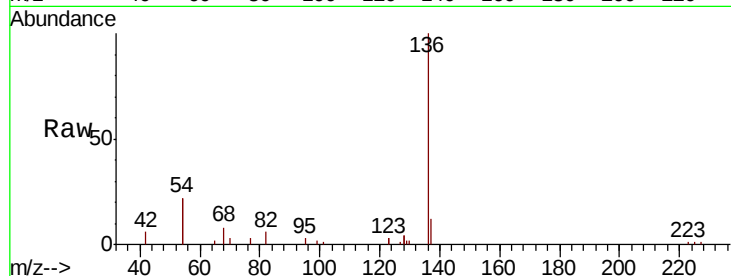
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 43.3 31.3 46.9

68 8.3 4.8 7.2#

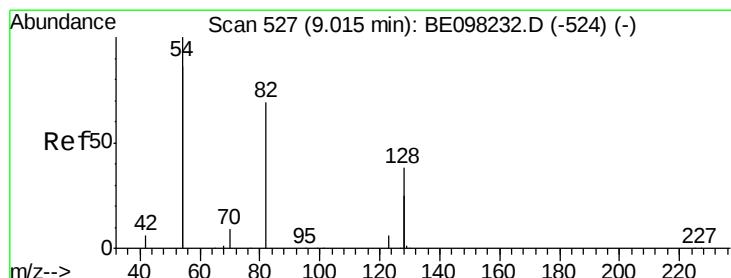
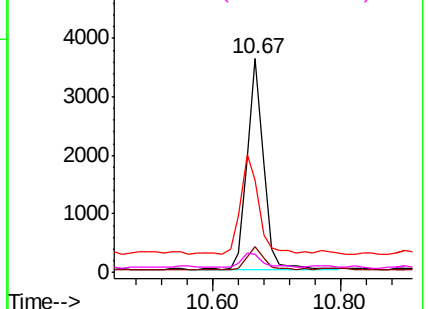
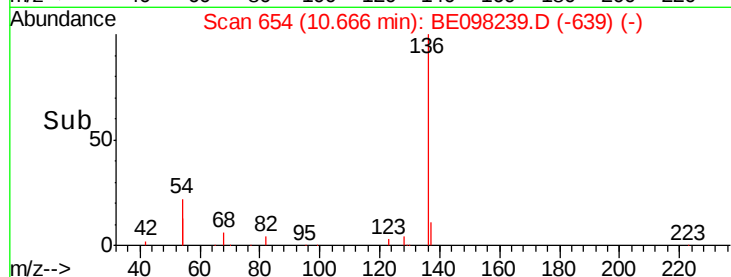


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.479 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

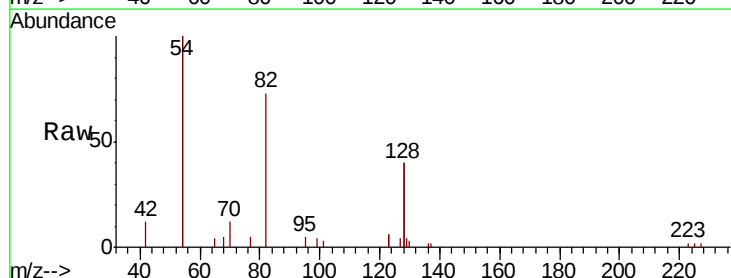
Tgt Ion: 82 Resp: 2905

Ion Ratio Lower Upper

82 100

128 110.6 96.1 144.1

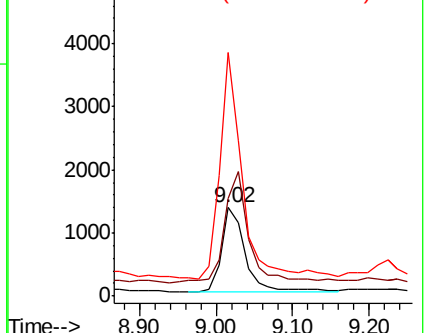
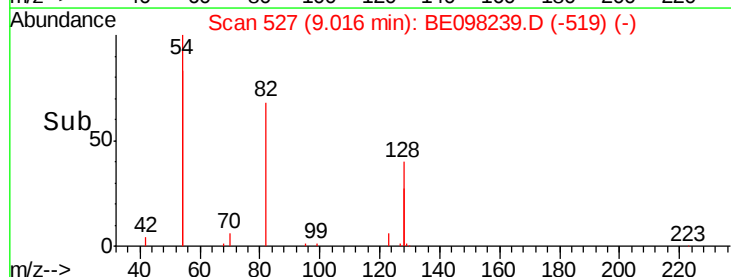
54 275.4 232.0 348.0

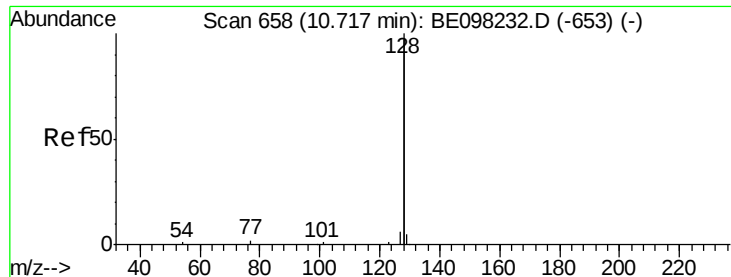


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

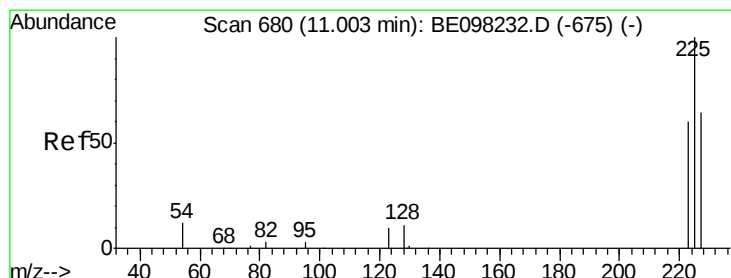
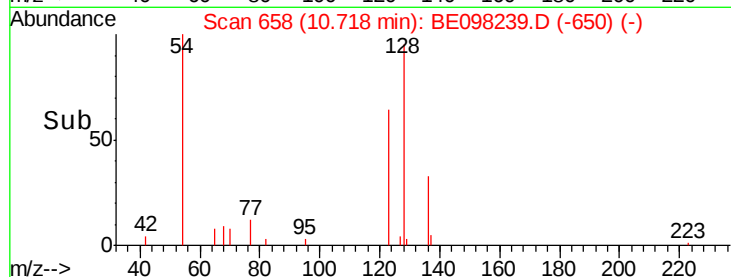
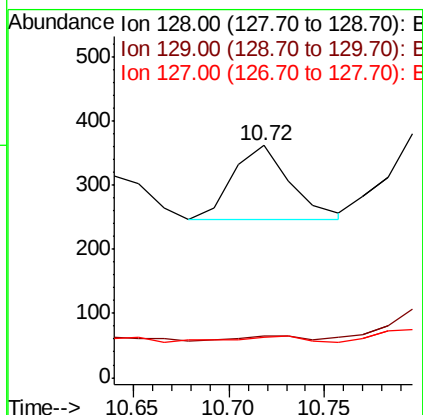
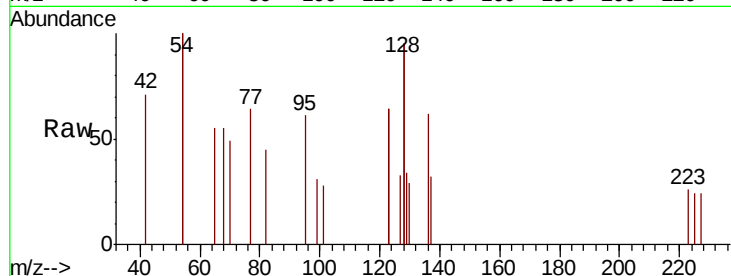




#9
Naphthalene
Concen: 0.004 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

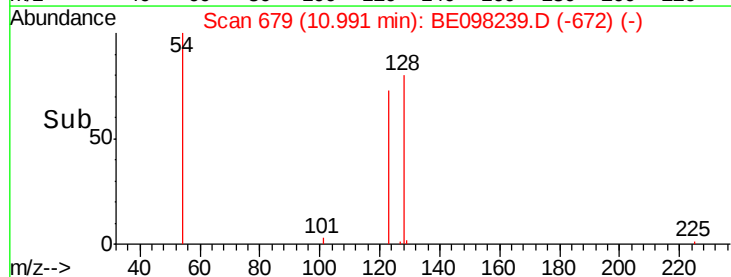
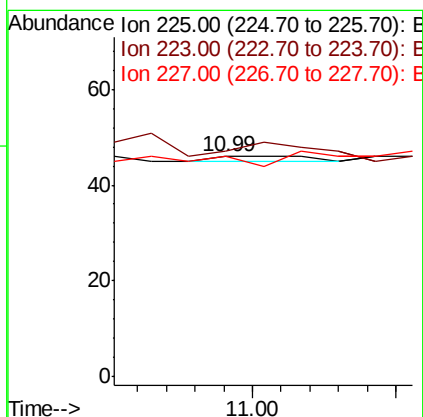
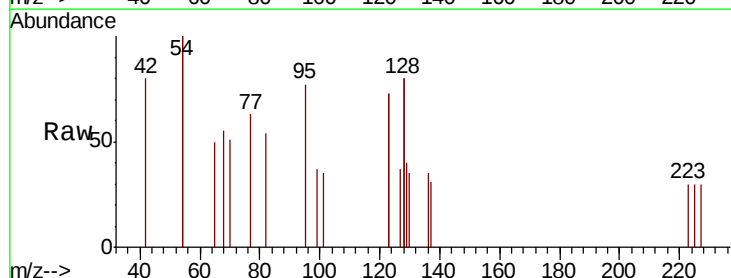
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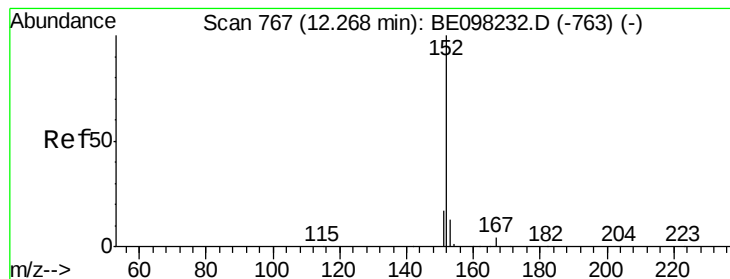
Tgt Ion:128 Resp: 243
Ion Ratio Lower Upper
128 100
129 17.7 2.6 4.0#
127 17.1 2.8 4.2#



#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.01 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 50.5 75.7#
227 0.0 50.3 75.5#





#11

2-Methylnaphthalene-d10

Concen: 0.427 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

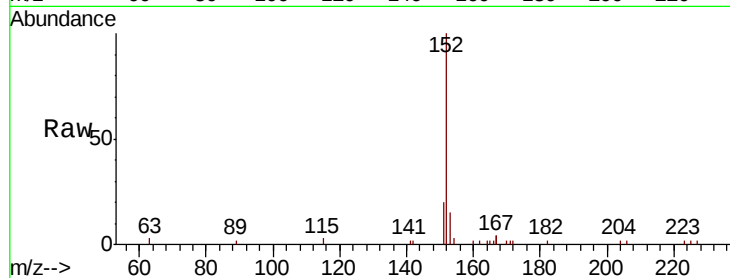
KY038PS027-181112

Tgt Ion:152 Resp: 4817

Ion Ratio Lower Upper

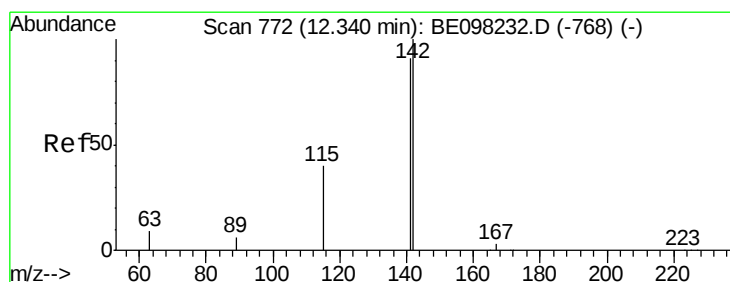
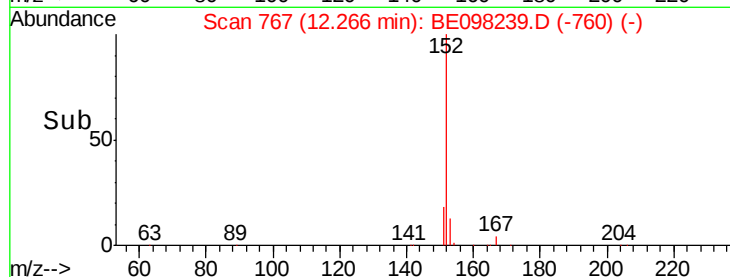
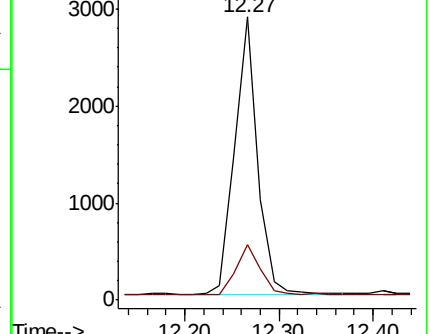
152 100

151 20.6 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

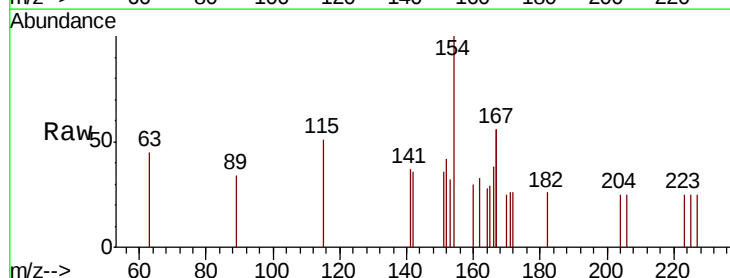
Tgt Ion:142 Resp: 17

Ion Ratio Lower Upper

142 100

141 103.0 76.3 114.5

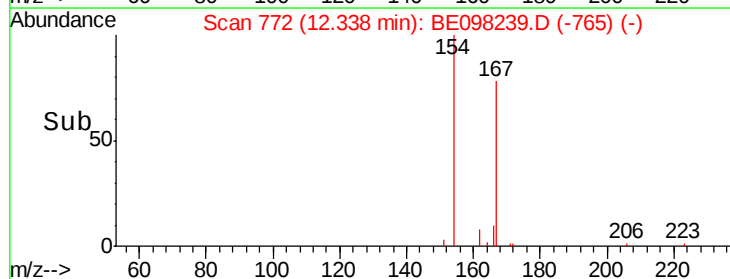
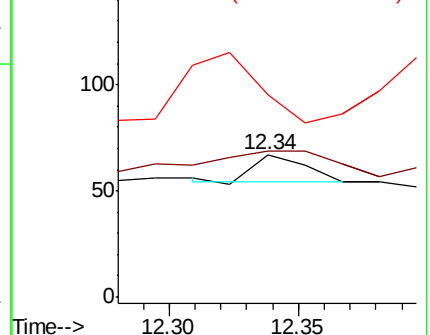
115 141.8 35.8 53.8#

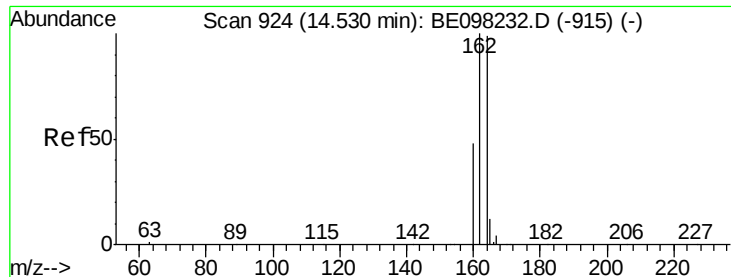


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

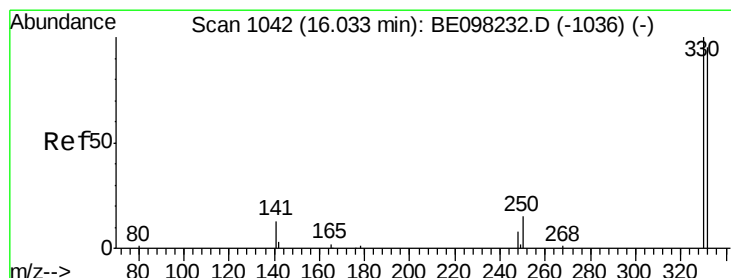
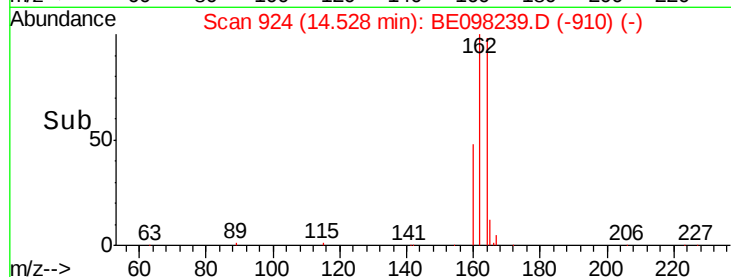
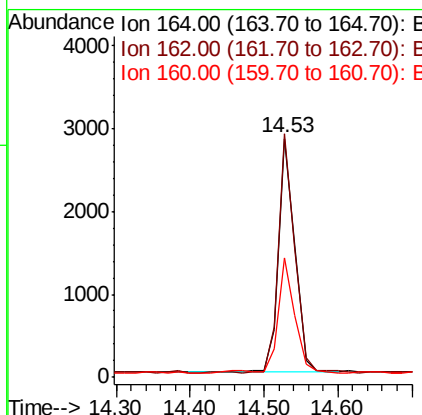
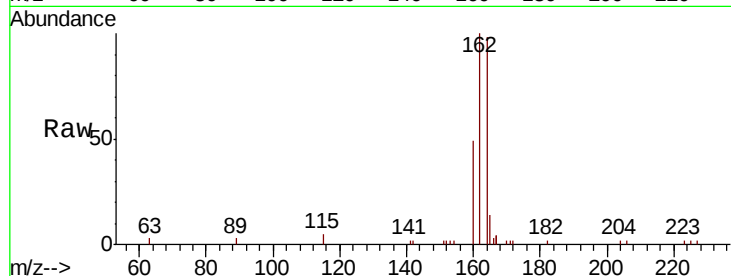




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

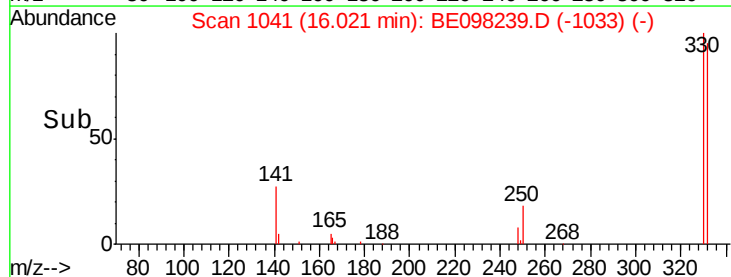
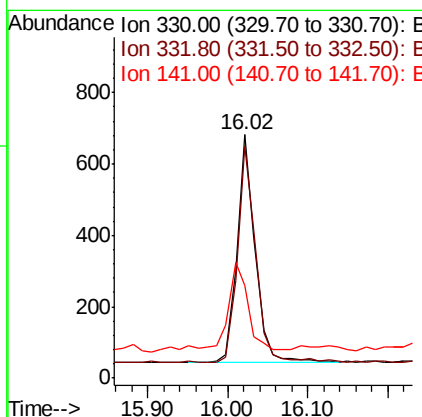
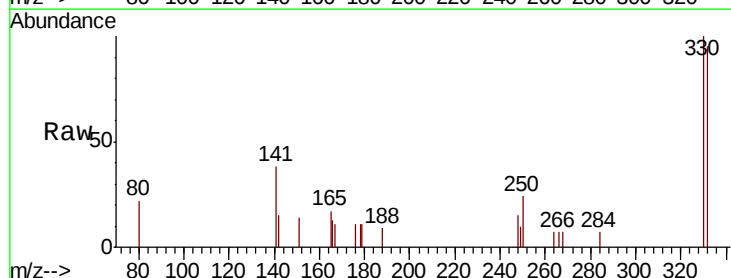
Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

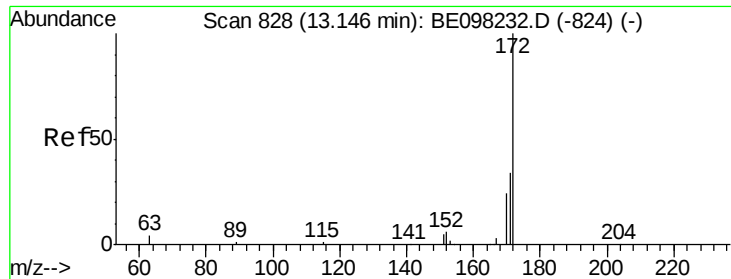
Tgt Ion:164 Resp: 4413
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 49.8 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.706 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:330 Resp: 1003
Ion Ratio Lower Upper
330 100
332 93.7 77.7 116.5
141 38.9 33.6 50.4

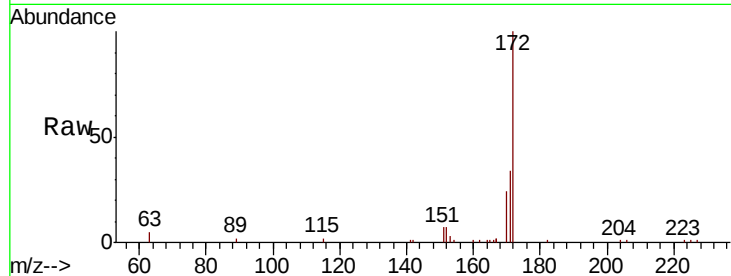




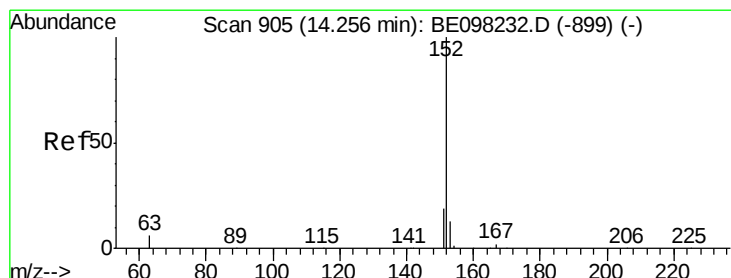
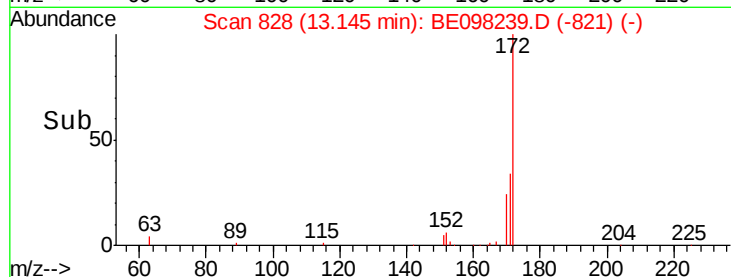
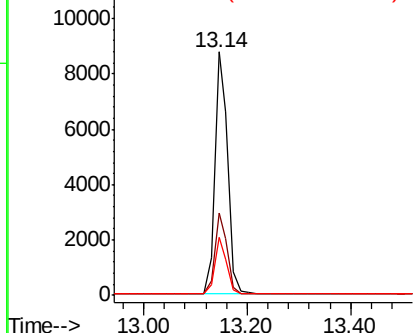
#15
2-Fluorobiphenyl
Concen: 0.804 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-181112

Tgt Ion:172 Resp: 15424
Ion Ratio Lower Upper
172 100
171 34.0 27.3 40.9
170 24.0 19.4 29.0

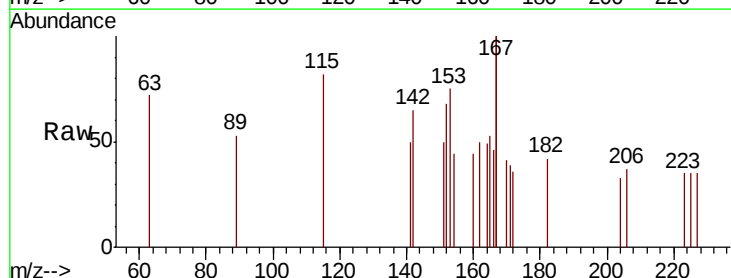


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

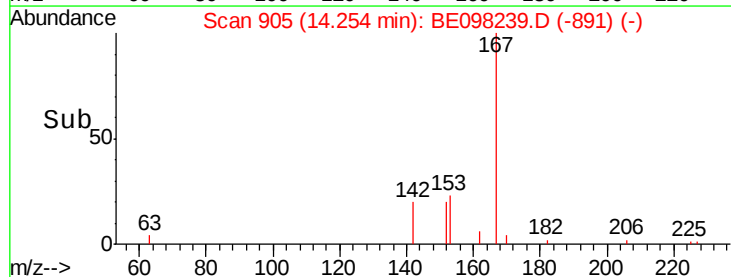
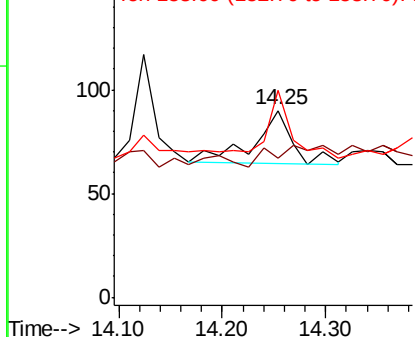


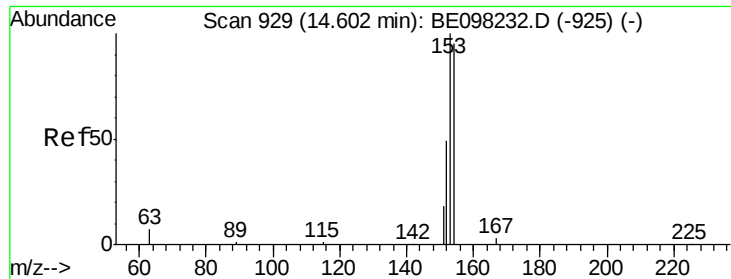
#16
Acenaphthylene
Concen: 0.003 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098239.D
Acq: 16 Nov 2018 20:57

Tgt Ion:152 Resp: 68
Ion Ratio Lower Upper
152 100
151 60.3 16.4 24.6#
153 83.8 10.6 15.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

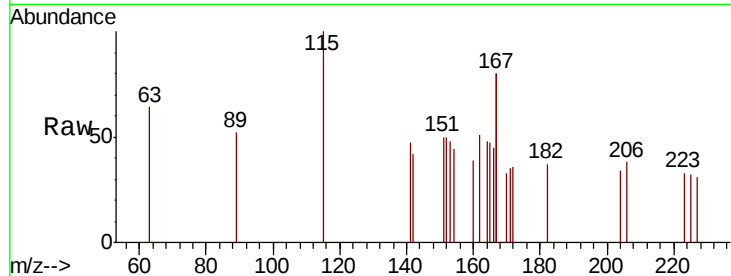
Tgt Ion:154 Resp: 10

Ion Ratio Lower Upper

154 100

153 0.0 92.1 138.1#

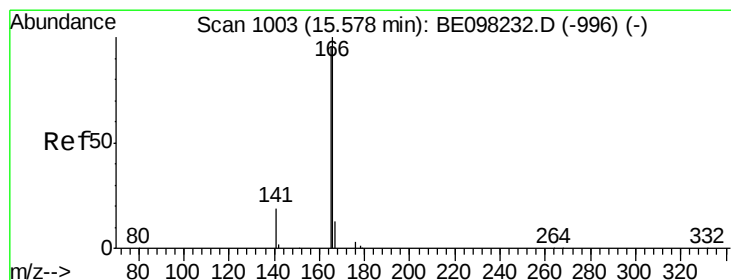
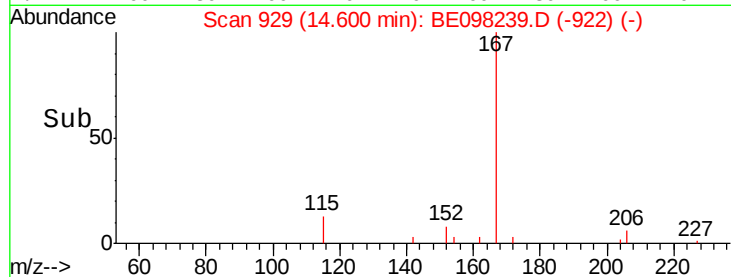
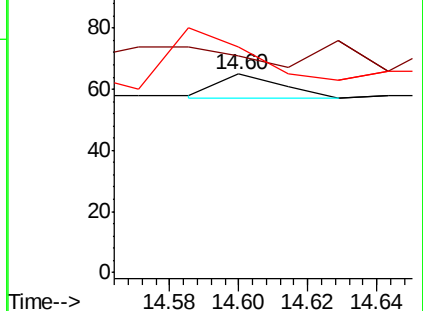
152 0.0 46.2 69.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.003 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

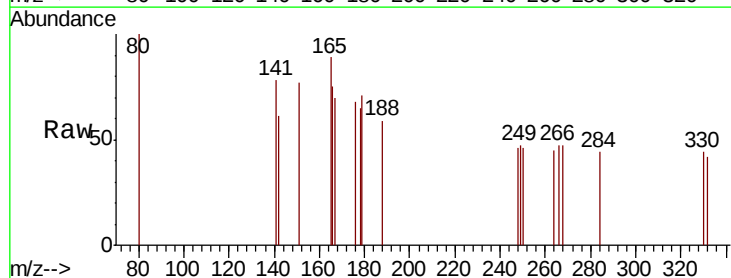
Tgt Ion:166 Resp: 55

Ion Ratio Lower Upper

166 100

165 69.1 80.1 120.1#

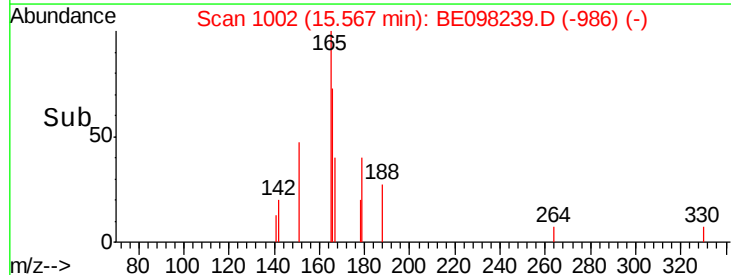
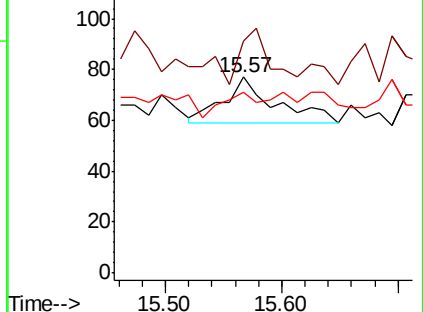
167 36.4 10.8 16.2#

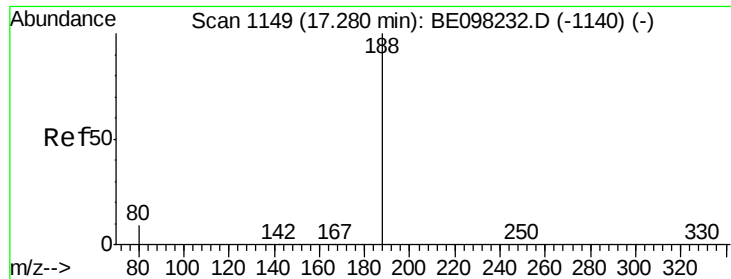


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

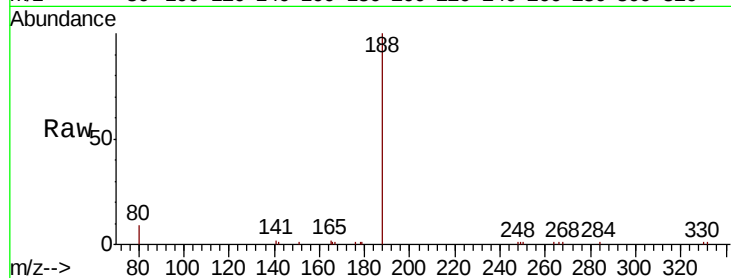
Tgt Ion:188 Resp: 10531

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

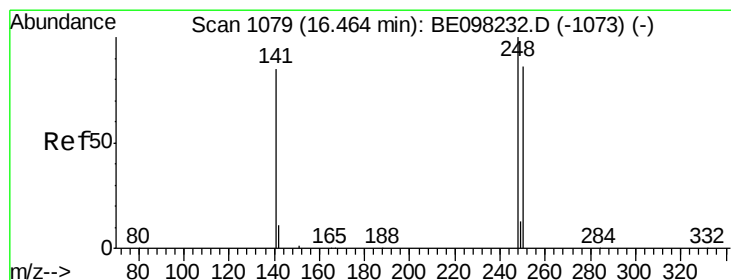
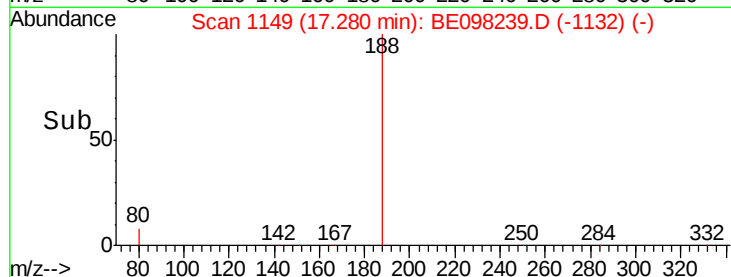
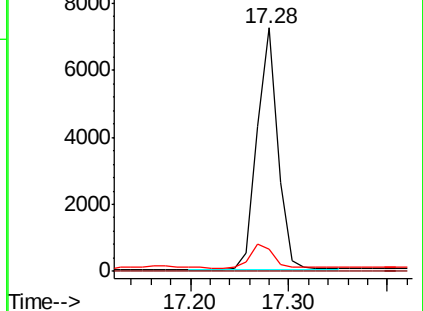
80 9.1 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

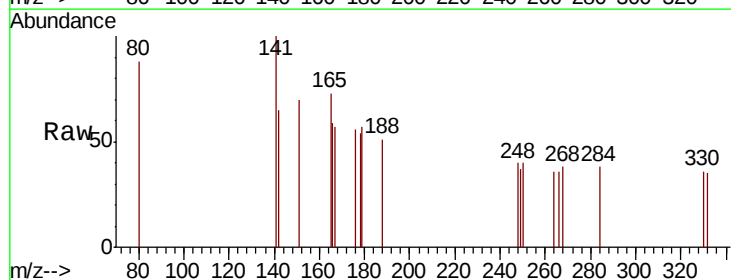
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 98.1 77.6 116.4

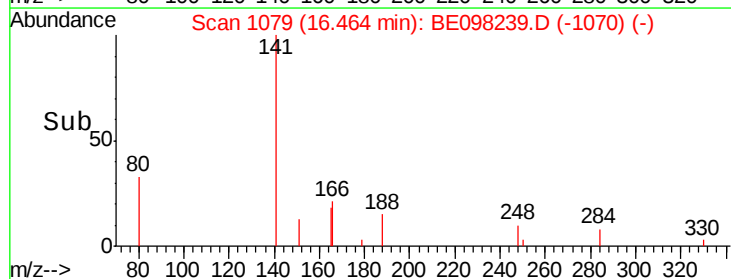
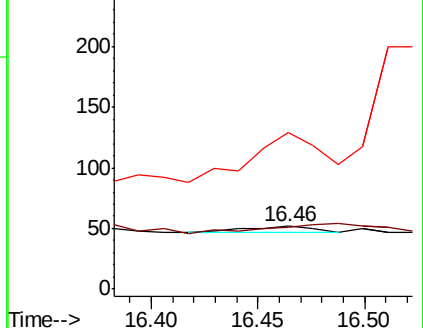
141 248.1 65.8 98.8#

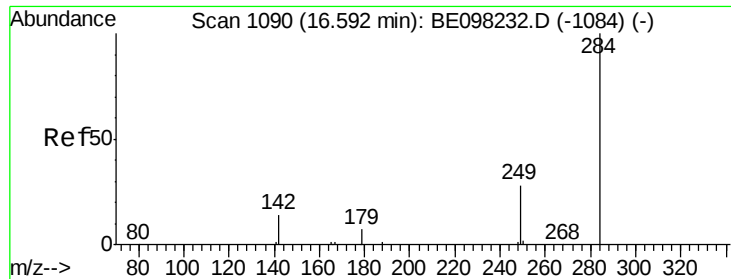


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

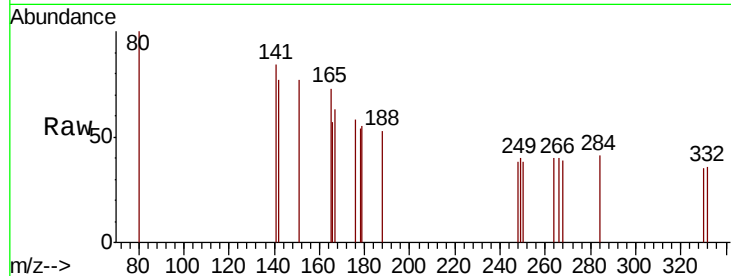
Tgt Ion:284 Resp: 13

Ion Ratio Lower Upper

284 100

142 0.0 26.5 39.7#

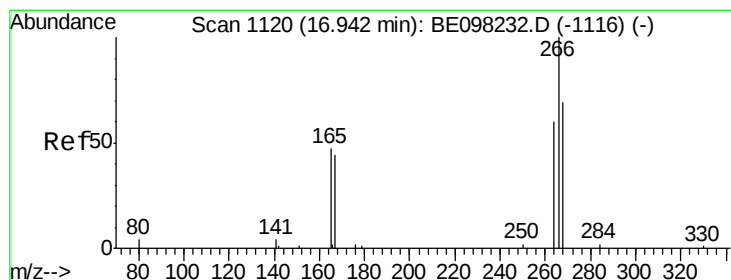
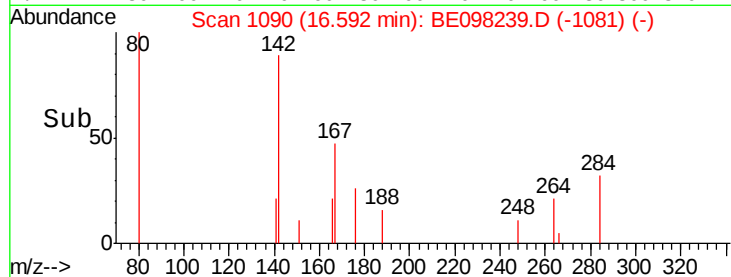
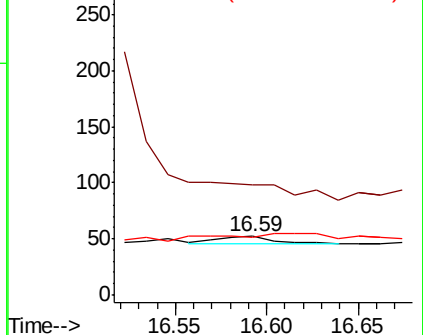
249 207.7 28.4 42.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.130 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

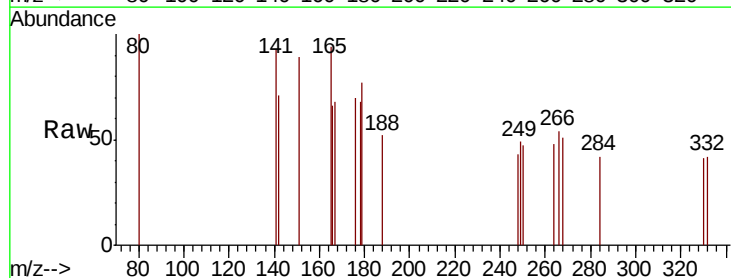
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

264 88.3 57.6 86.4#

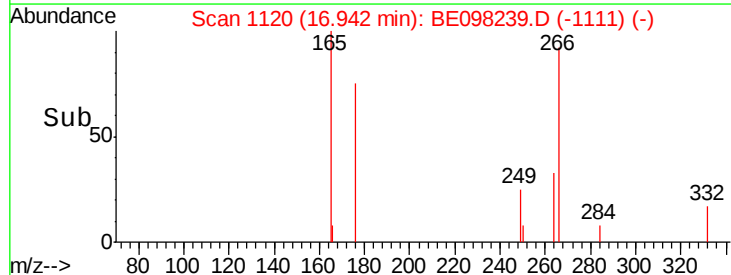
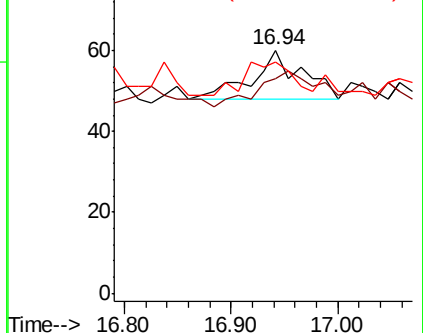
268 95.0 56.8 85.2#

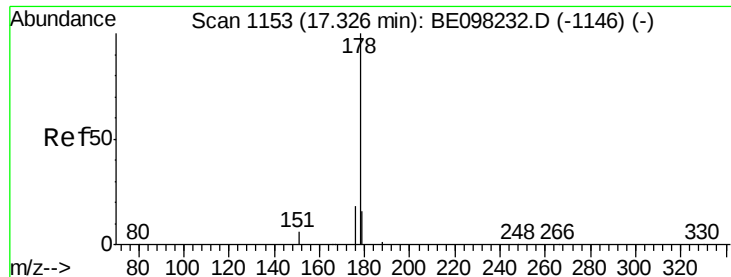


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.040 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.08 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

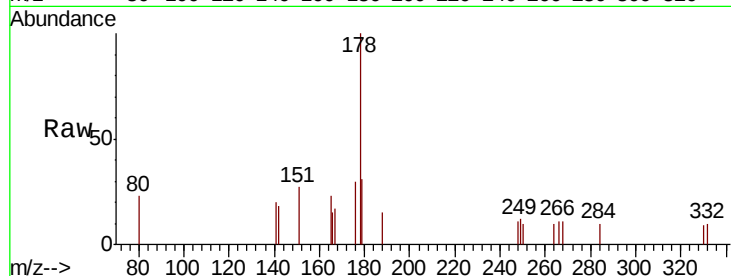
Tgt Ion:178 Resp: 1076

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

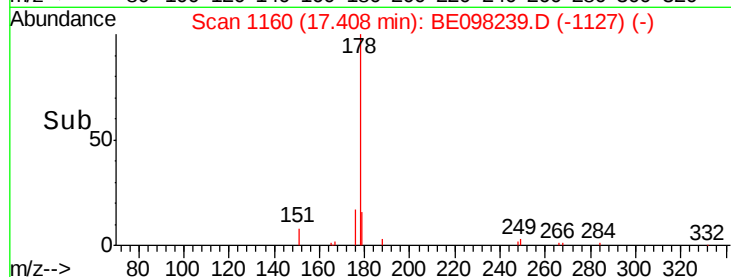
17.41

400

200

0

Time--> 17.30 17.40 17.50 17.60



#24

Anthracene

Concen: 0.041 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

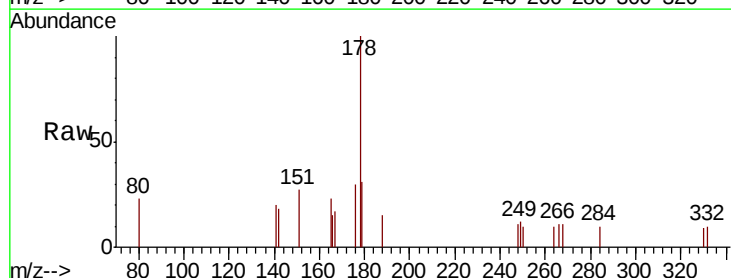
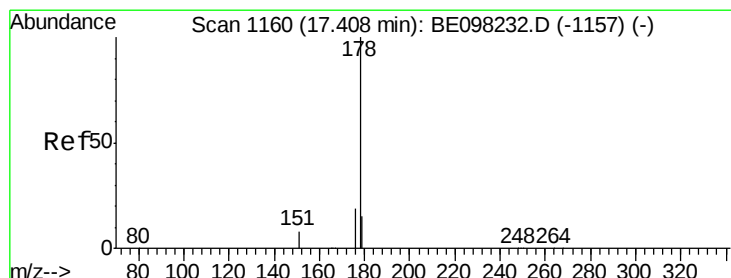
Tgt Ion:178 Resp: 1012

Ion Ratio Lower Upper

178 100

176 21.2 15.7 23.5

179 16.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

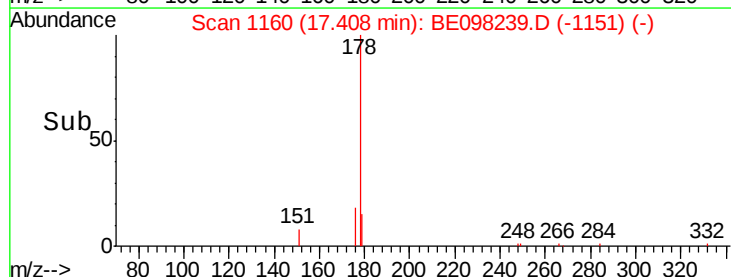
17.41

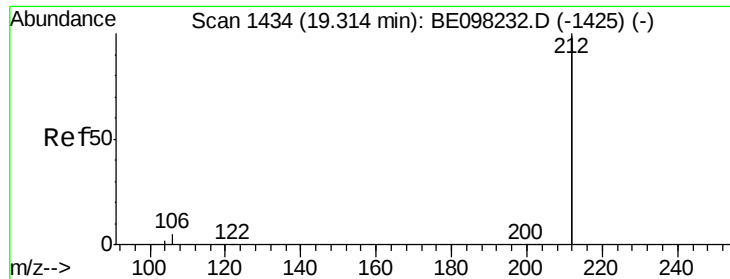
400

200

0

Time--> 17.30 17.40 17.50





#25

Fluoranthene-d10

Concen: 0.461 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

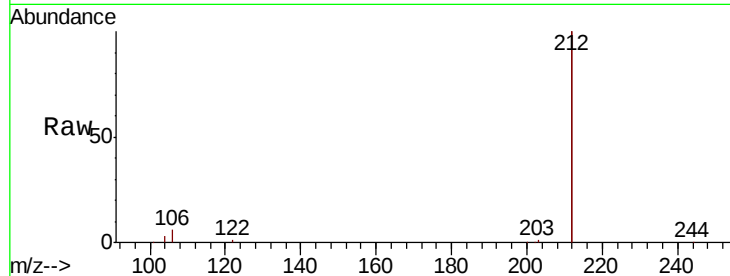
Tgt Ion:212 Resp: 59006

Ion Ratio Lower Upper

212 100

106 2.8 1.8 2.8#

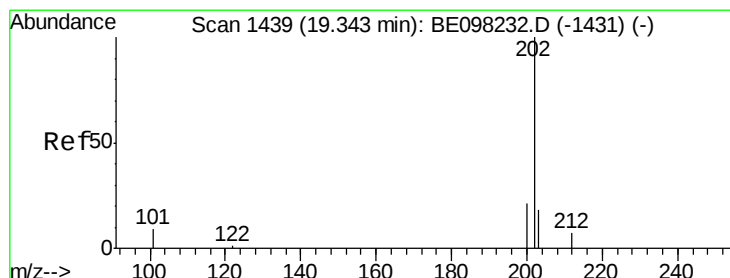
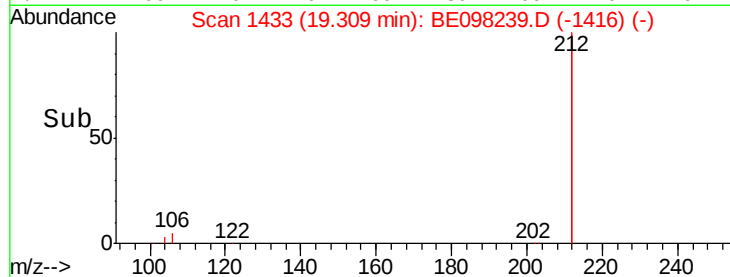
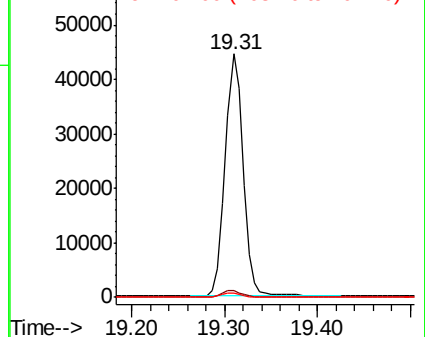
104 1.5 1.1 1.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.006 ng

RT: 19.34 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

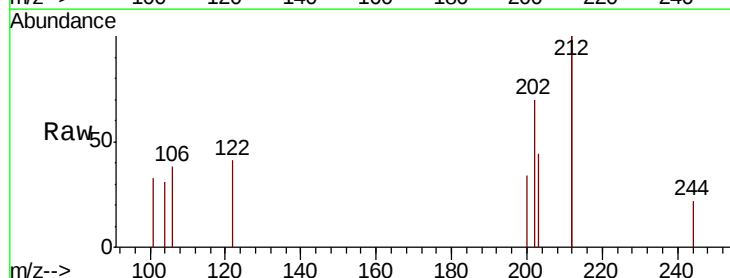
Tgt Ion:202 Resp: 209

Ion Ratio Lower Upper

202 100

101 13.9 7.0 10.6#

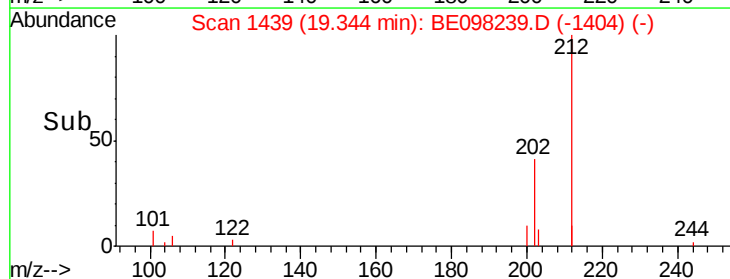
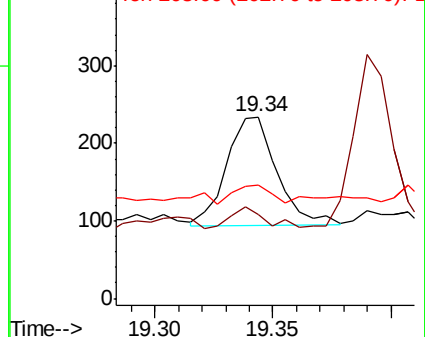
203 13.4 13.7 20.5#

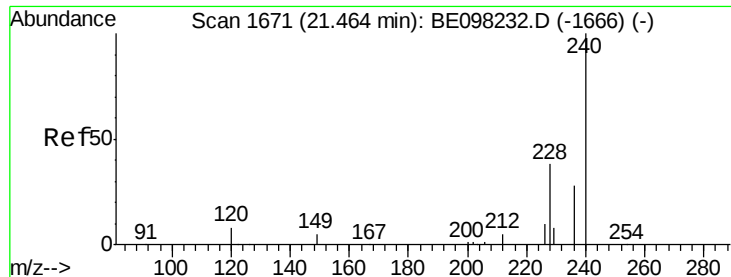


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

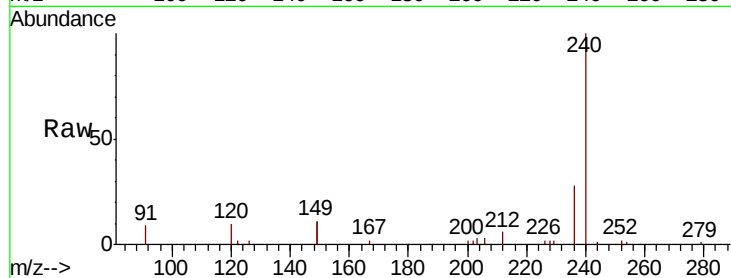
Tgt Ion:240 Resp: 11614

Ion Ratio Lower Upper

240 100

120 9.8 4.8 7.2#

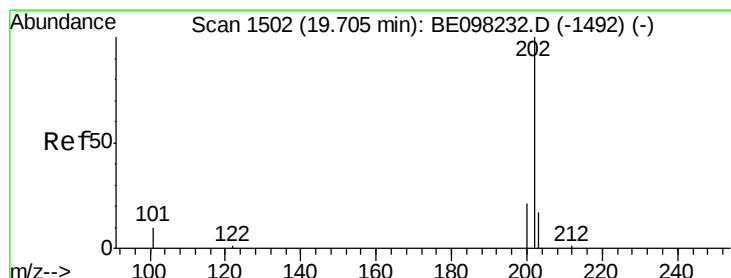
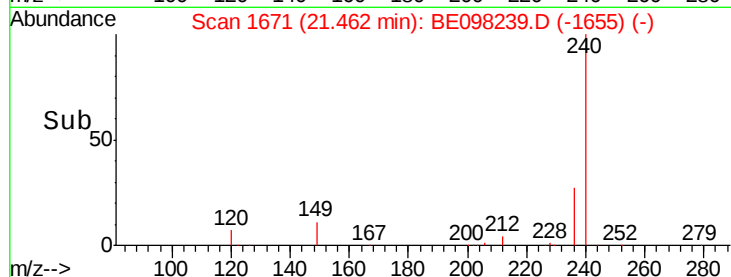
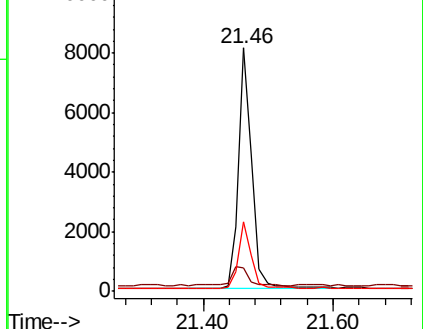
236 28.4 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.011 ng

RT: 19.71 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

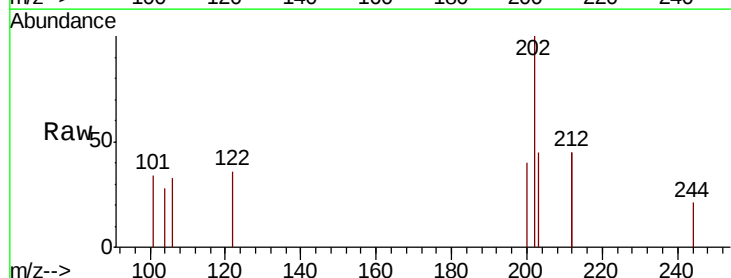
Tgt Ion:202 Resp: 390

Ion Ratio Lower Upper

202 100

200 27.4 17.2 25.8#

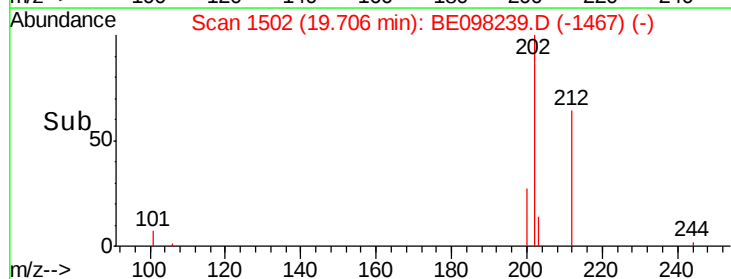
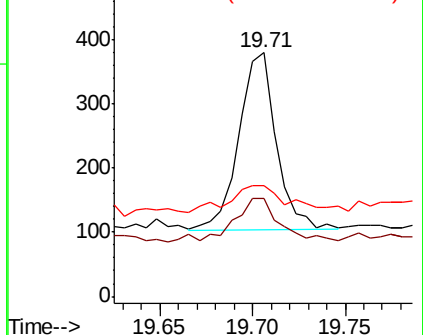
203 25.6 14.2 21.4#

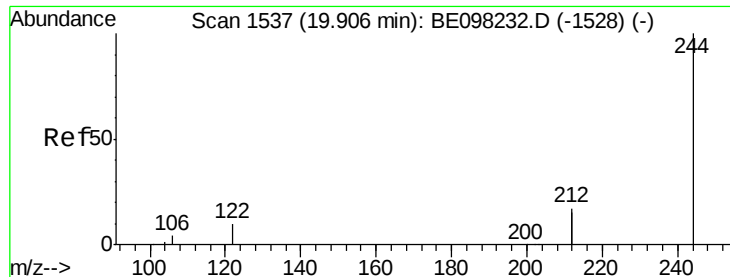


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.550 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

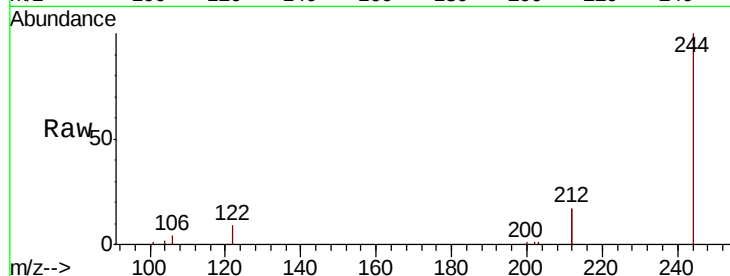
Tgt Ion:244 Resp: 14688

Ion Ratio Lower Upper

244 100

212 33.7 26.8 40.2

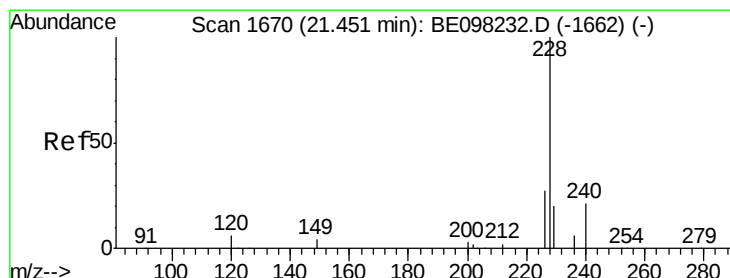
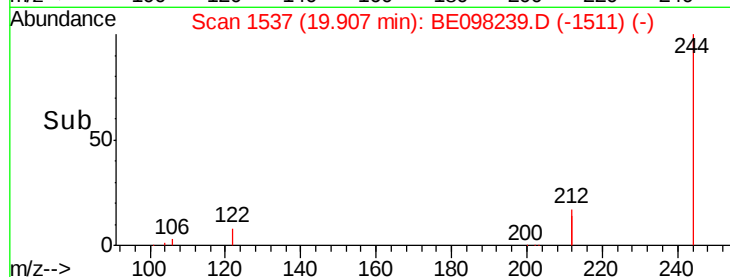
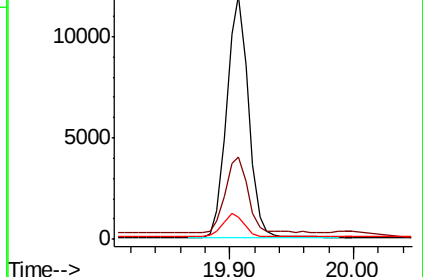
122 9.2 7.0 10.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.011 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

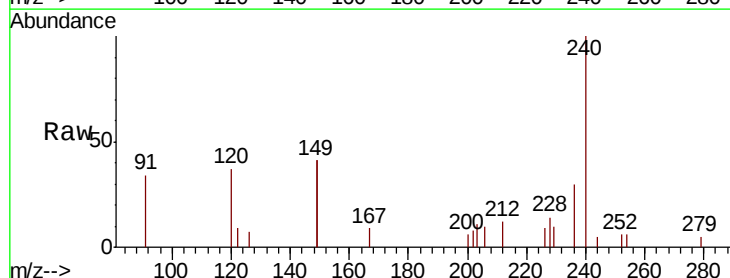
Tgt Ion:228 Resp: 383

Ion Ratio Lower Upper

228 100

226 62.7 20.7 31.1#

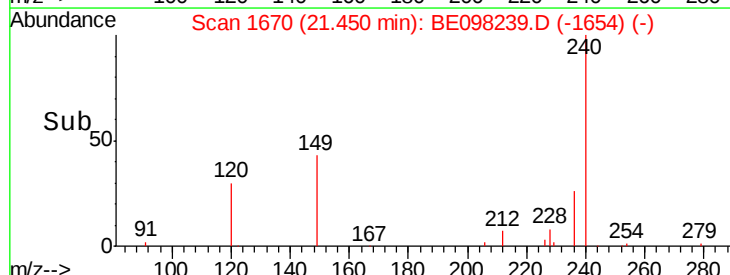
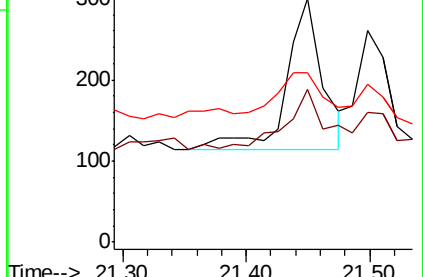
229 69.3 16.2 24.4#

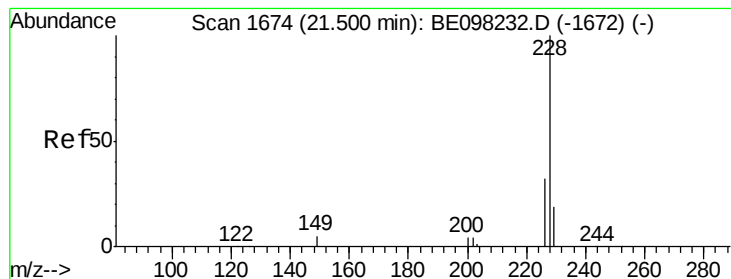


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.006 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

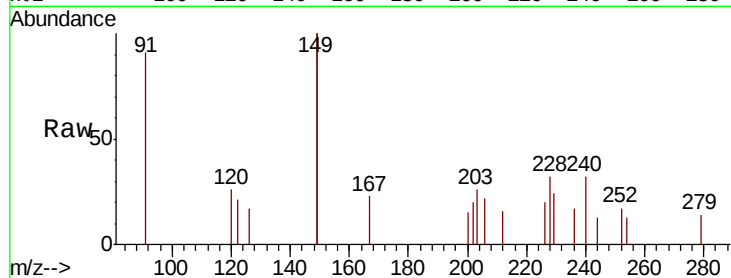
Tgt Ion:228 Resp: 220

Ion Ratio Lower Upper

228 100

226 61.5 24.6 36.8#

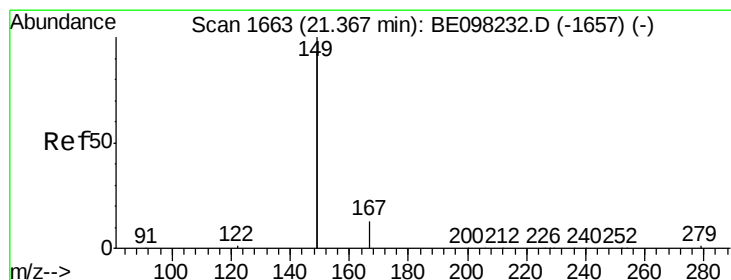
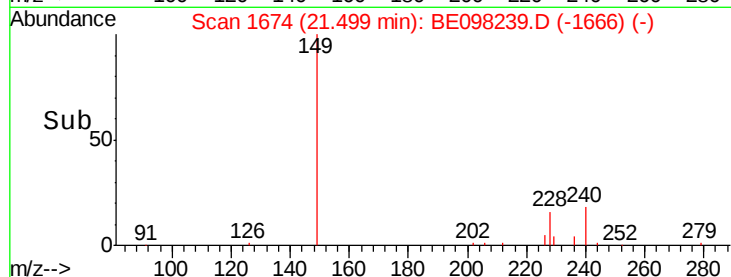
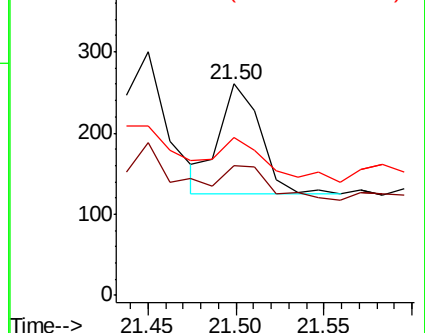
229 74.6 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

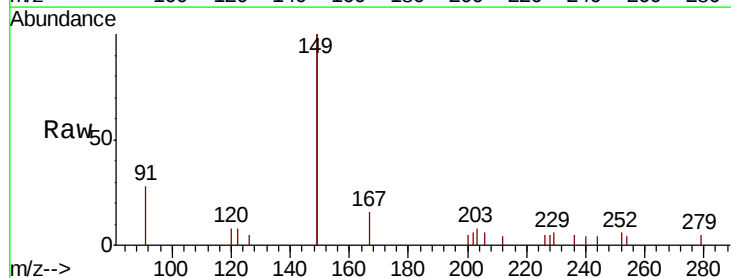
Tgt Ion:149 Resp: 4945

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

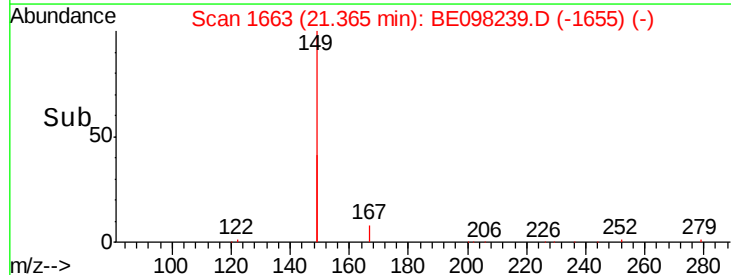
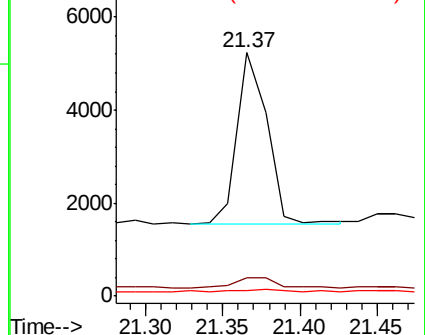
279 2.1 0.9 1.3#

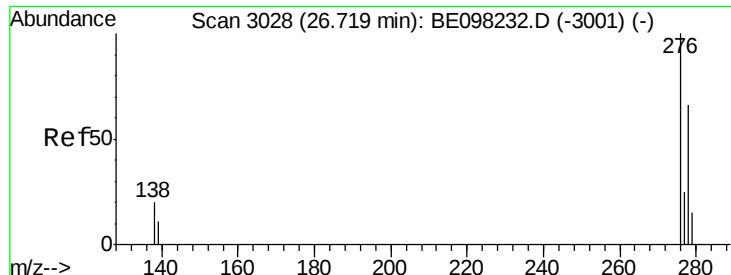


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.007 ng

RT: 26.71 min Scan# 3025

Delta R.T. -0.01 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

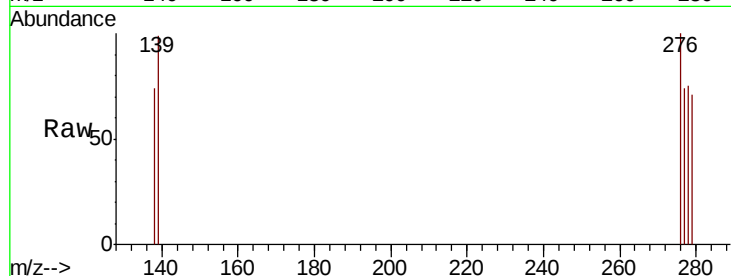
Tgt Ion:276 Resp: 196

Ion Ratio Lower Upper

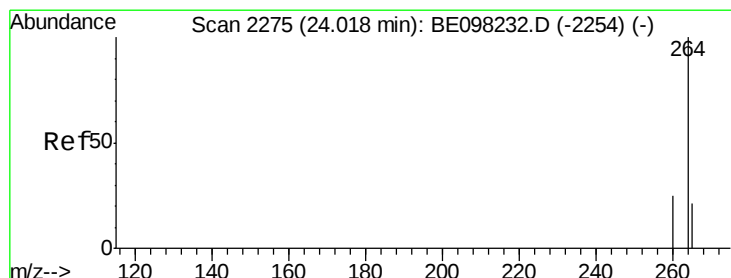
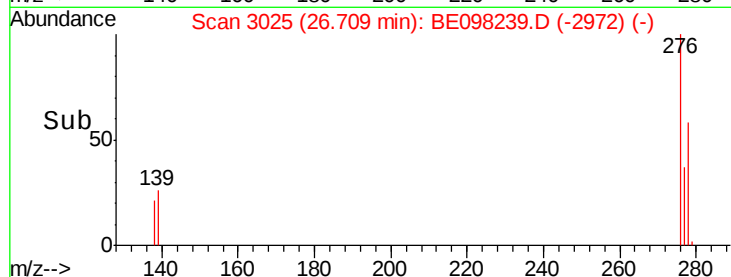
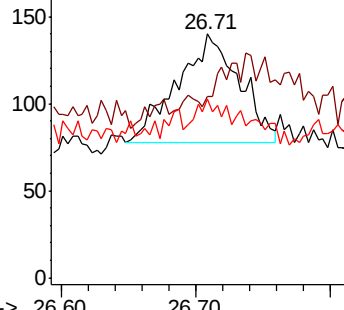
276 100

138 14.8 6.4 9.6#

277 8.7 18.9 28.3#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

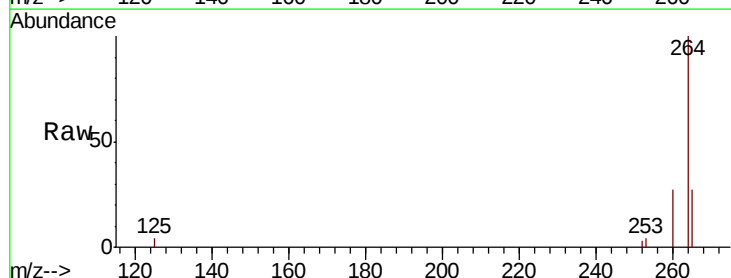
Tgt Ion:264 Resp: 11040

Ion Ratio Lower Upper

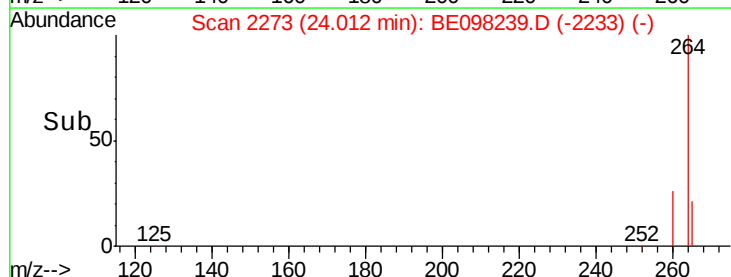
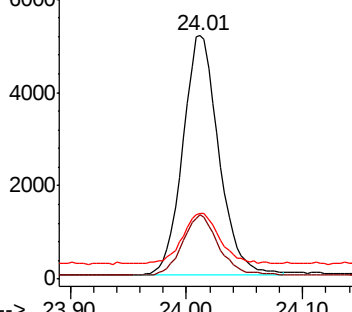
264 100

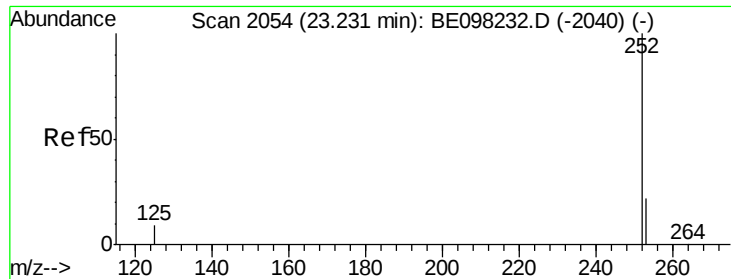
260 26.7 19.9 29.9

265 26.8 21.3 31.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

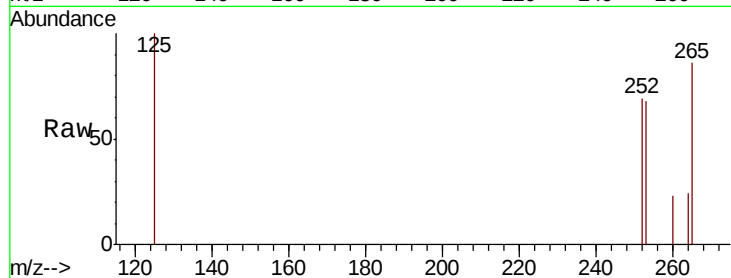
Tgt Ion:252 Resp: 311

Ion Ratio Lower Upper

252 100

253 98.5 19.4 29.0#

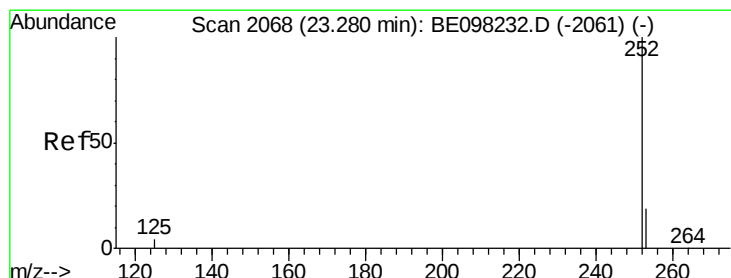
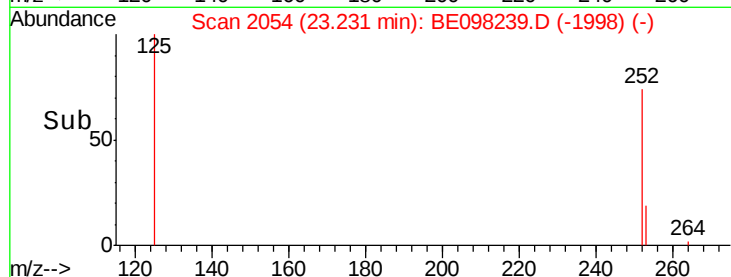
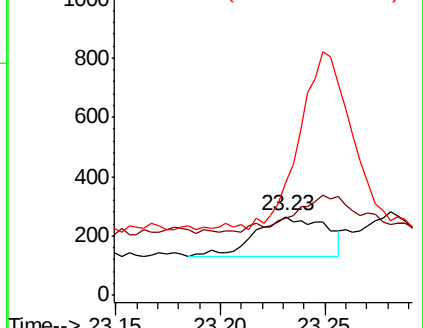
125 144.0 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

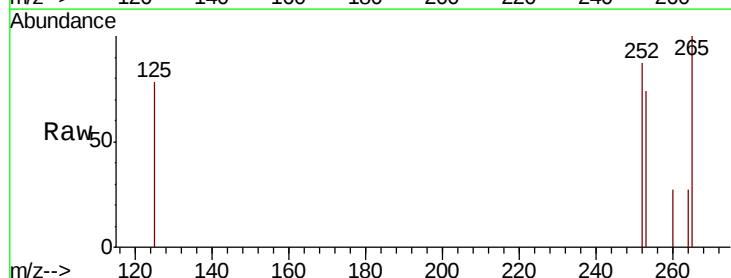
Tgt Ion:252 Resp: 254

Ion Ratio Lower Upper

252 100

253 85.4 18.6 28.0#

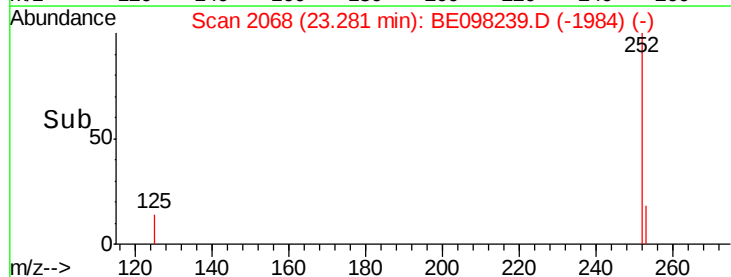
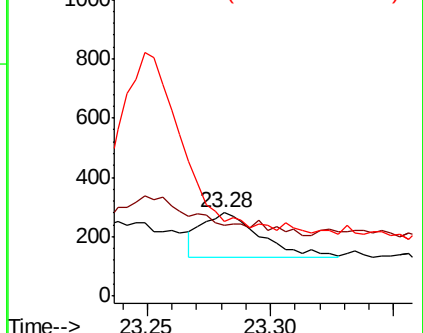
125 90.0 7.4 11.0#

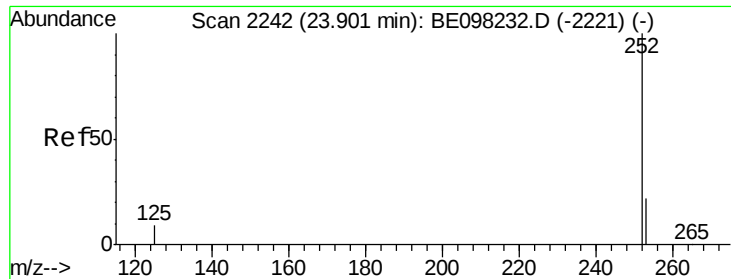


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.006 ng

RT: 23.90 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112

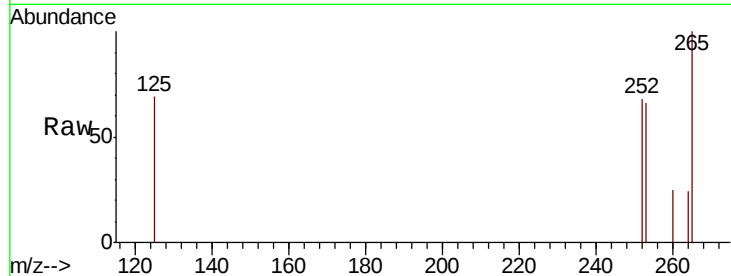
Tgt Ion: 252 Resp: 184

Ion Ratio Lower Upper

252 100

253 97.8 18.6 27.8#

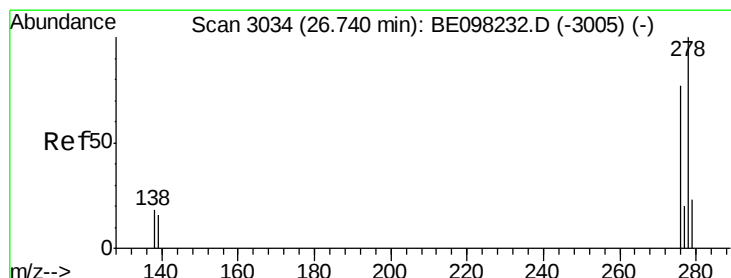
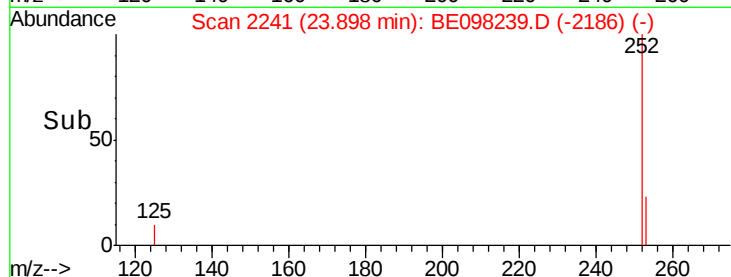
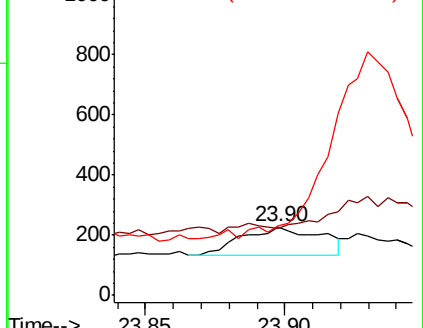
125 101.3 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.02 min

Lab File: BE098239.D

Acq: 16 Nov 2018 20:57

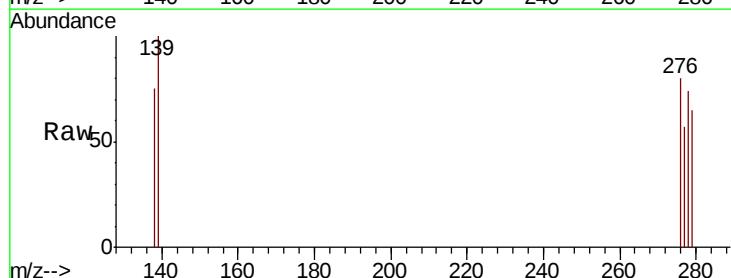
Tgt Ion: 278 Resp: 42

Ion Ratio Lower Upper

278 100

139 135.3 16.4 24.6#

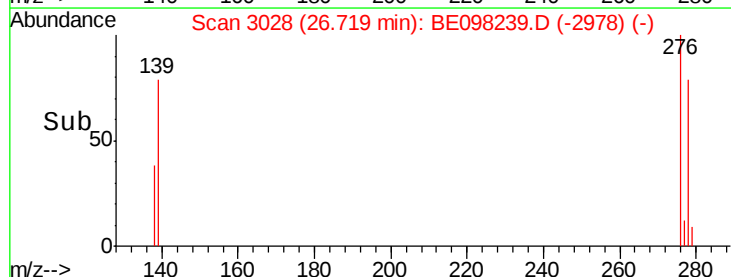
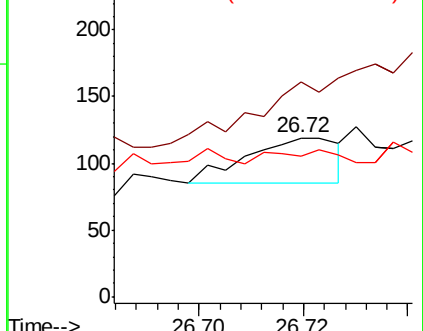
279 88.2 21.3 31.9#

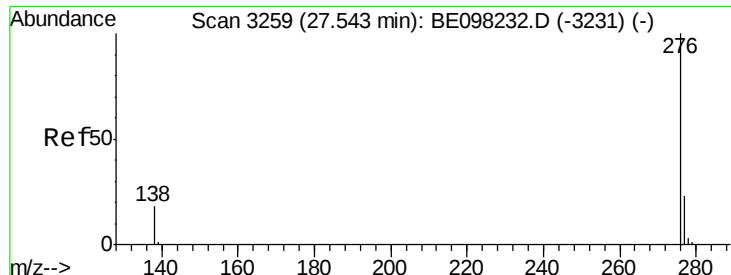


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.52 min Scan# 3252

Delta R.T. -0.02 min

Lab File: BE098239.D

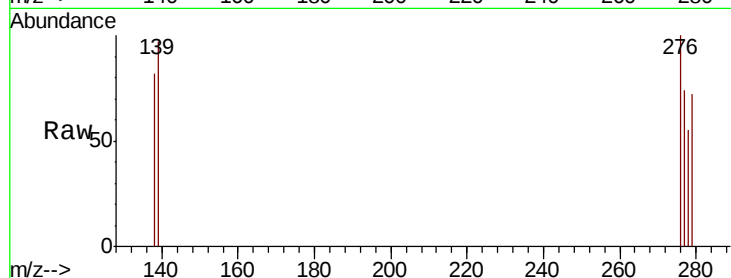
Acq: 16 Nov 2018 20:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181112



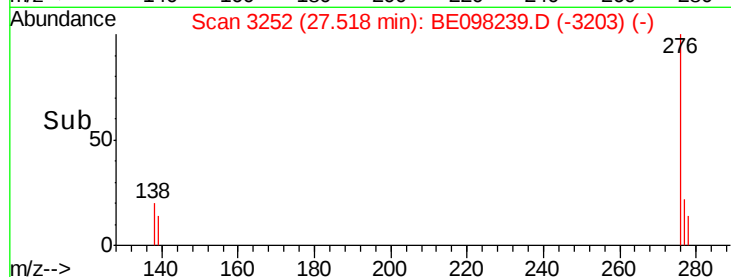
Tgt Ion: 276 Resp: 64

Ion Ratio Lower Upper

276 100

277 74.0 20.4 30.6#

138 81.9 13.2 19.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

